DQA: Date:													DART	
0.0			5			WORK ORDER NON-	-CC	NFOF	RMANCE / UPDATE	147			AEROSPACE	=
QA Closed:			Date:							W	ork Order up	date only		_
Work Orde	er:					DISPOSITION			AGAINST	DE	PARTMENT	/PROCESS		
	ouse Date Step Qty					Rework Scrap Use-as-is Suspected Unapproved		Skid-tube Crosstube Small Fab Thermoforming Finishing Composite			Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier		Engineering Quality Other	
Root					Desci	ription of work order update	I	nitial	Action		Sign &		·	
Cause	1 1			or non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector			
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved							FAL	ULT CA	TEGORY					
Landi	nø (iear				General	• • • • • • • • • • • • • • • • • • • •	<u> </u>						
Lanu	Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence				Bend BOM/Route Broken/Damage/Defect Burrs Contamination Countersink Cut Too Short Drawing Drill Holes Finish		Folio/Program Grain Hardware Inspection Incomplete/Unqualified Instructions Incomplete/Unclear Misaligned/off center Mislabeled Misread Off-set Out of Calibration			Outside Dim Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	tolerance ct issing Vrong	Pressure/Forced Set-up Temperature/Cure Weld Wrong Stock Pulled Other		
l	I	Wave/Tw	ist in Tub	16		Fit/Function		Out of	Sequence					

Work Orde		0738		*11(738*						Page 2
Item ID: Revision ID: Item Name:	D3462-041 Bracket			Accept	*N9000	40100) *	Setup	Start Stop		S1* S2*
Start Date: Required Date: Reference:	1/07/14	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item ID: Customer:					"IV.	7
Approvals:		nn:	Date:	Tooling: SPC (Y/N):	Date:	 		Run	Start Stop		R1* R2*
Sequence ID/ Work Center I 130 *120* Powdercoat Powder Coating	D	Operation Description White Gloss(Ref:4.3.5.2) Memo STABELTIM	per OS1005 4.3-Steel			Γool # Plan Code	Accep Qty	Qty	, I	Reject Number	Insp. Stamp
140 ★1 △ ∩ ★ QC Quality Control		QC3- Inspect Part Finish Memo		0.00			<u> </u>				
150 *150* Packaging Packaging		Identify as per dwg & Sto	ock Location: <u>STH</u>	85 A 0.00			_4 _×	DAS 28 (9-89	5 <u>1</u> 4	1-03-	20

DQA: Date:						WORK ORDER NON-CONFORMANCE / UPDATE									
OA Classide			Data			WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE	14/	ark Ordor un	data anlu	AEROSPACE		
QA Closed:			Date:				_			VV	ork Order up	idate only	<u> </u>		
Work Orde	er:					DISPOSITION			AGAINS	PARTMENT	ENT/PROCESS				
	1 1 1 1					Rework Scrap Use-as-is Suspected Unapproved		Skid-tube Crosstu Machining Small F Thermoforming Finish Large Fab Compos			l	Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other		
Root	П				Desci	ription of work order update		nitial	Action		Sign &				
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	Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence				Bend BOM/Route Broken/Damage/Defect Burrs Contamination Countersink Cut Too Short Drawing Drill Holes Finish		Folio/Program Grain Hardware Inspection Incomplete/Unqualified Instructions Incomplete/Unclear Misaligned/off center Mislabeled Misread Off-set Out of Calibration			Outside Dim Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	tolerance ct ssing Vrong	Pressure/Forced Set-up Temperature/Cure Weld Wrong Stock Pulled Other			
1		Wave/Tw				Fit/Function		Out of Sequence							

Work Orde January-07-14		0738		*110	738*							Page 3
Item ID: Revision ID: Item Name:	D3462-041 Bracket			Accept	Start Stop	*NS1* *NS2*						
Start Date: Required Date: Reference:	1/07/14 1/07/14	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*									
Approvals:	Process Pla	an:	Date:	Tooling:	_ 	F		Start	^NHI^			
	QC:		Date:	SPC (Y/N):	Date:					Stop	*NR2*	
Sequence ID/ Work Center I 160	D	Operation Description QC21- Final Inspection	- Work Order Release	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
160 QC Quality Control		Memo		0.00				— W c	. <u>ゞ</u>		14-03 14-03	403

DQA: Date:									_					7	
						WORK ORDER NON-	-CC	ONFO	RMANCE / U				_		AEROSPACE
QA Closed:			Date:							\	Nork Or	der up	odate only		-
Work Orde	er:					DISPOSITION				AGAINST [IST DEPARTMENT/PROCESS				
	•					Rework			Skid-tube Crosstube		Water Jet			\Box	Engineering
Part N	lo.					Scrap			Machining Small Fab		Prod. Eng. Coor.			ヿ	Quality
	•				_	Use-as-is		Thermoforming Finishing		Finishing	Re	Rec/Store/Packaging			Other
NCR N	10.					Suspected Unapproved			Large Fab	Composite		Supplier			
Root	Root De			Desci	ription of work order update	_	nitial	Act	tion	Sign	1 &		一		
Cause		Date	Step	Qty		or non-conformance		ief Eng		ription	Da		Verification	լ	QC Inspector
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1 1:							FA	ULI CA	TEGORY						
Landi		Bending				General Bend		lealia/s	Program	Г		la Dim	ensions	П,	Pressure/Forced
		Centre No	nt Concer	ntric .	-	BOM/Route	H	Grain	Togram	ŀ	— '		tolerance		Set-up
		Cracks	or concer	itiic		Broken/Damage/Defect	\vdash	Hardwa	aro	ŀ	Part Ir		t t	_	Temperature/Cure
		Crimp/Kir	nk/Rinnle	/Wave	-	Burrs	-	4	ion Incomplete/U	ngualified	Part L		- F	_	Weld
	\vdash	Cuffs	Мутирыс	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Contamination	\vdash	1 '	tions Incomplete/	· •	Part N	-	- ·		Wrong Stock Pulled
	 	Crushing			-	Countersink	\vdash	4	ned/off center		Position		_		9
	\vdash	Heat Trea	it			Cut Too Short	\vdash	Mislabe		ţ	Powe		F		Other
	Inspection Strip in Tube			Tube		Drawing	Г	Misrea		L	_	·	-		
	Marks/Chatter					Drill Holes	Г	Off-set							
1	Turning Sequence					Finish		Out of	Calibration						
	Wave/Twist in Tube					Fit/Function		Out of	Out of Sequence						

Required Date: 1/07/14

Required Qty: 4.00

January-07-14 3:02:13 PM

Work Order ID:

110738

Parent Item:

Comments:

D3462-041

Parent Item Name:

Bracket

IPP REV. A 05.11.18 NEW ISSUE

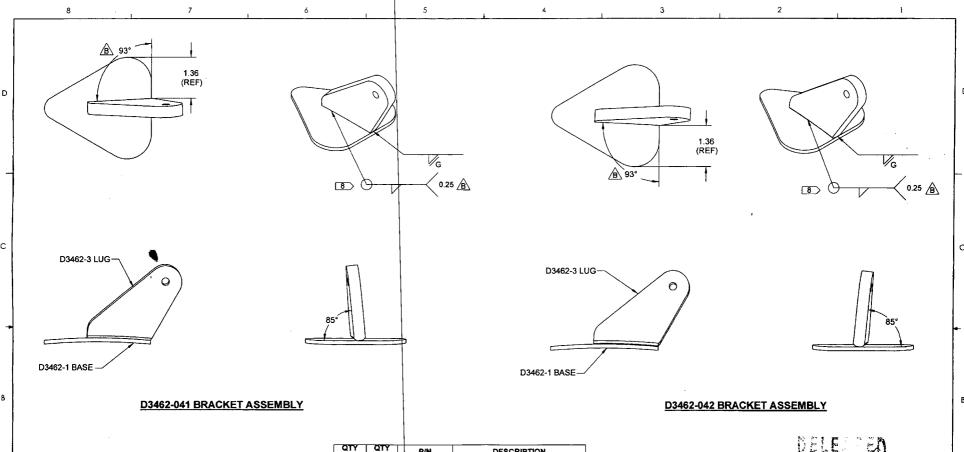
EC

	esr rev B 08.07.15	5 ecn 1049 E	EC verif	ied by: DD									
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3462-1 Bracket Assembly		Manufactured	No			100	Each	16.0000	1	4			14-0
·				Location		Loc Qty	<u>Lo</u>	c Code					BC
				WA002	T01445	16 16			14	/s5_;			
D3462-3 Lug		Manufactured	No	251		100	Each	25.0000	1	4			14-03-
				Location		Loc Oty	<u>Lo</u>	c Code					12
				WA002	00436	25 13			T.4				
				•	07653	12		4	· - 1	:	-		

Start Date: 1/07/14

Start Qty: 4.00

OQA: Date:						- war apper you consorting the first									
			. .			WORK ORDER NON-	-CC	ONFO	RMANCE / U				AEROSPACE		
QA Closed:			Date:								ork Order up	idate only			
Work Orde	er:					DISPOSITION				AGAINST D	EPARTMENT	PROCESS			
	•					Rework			Skid-tube Crosstube		Water Jet		Engineering		
Part N	lo.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality		
	•					Use-as-is		Thern	noforming	Finishing	Rec/Stor	e/Packaging	Other		
NCR I	۱o.					Suspected Unapproved			Large Fab	Composite		Supplier			
Root					Desci	ription of work order update	1	nitial	Ac	tion	Sign &				
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector		
Design															
Doc/Data	Ш								:						
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Handling/Pre		:							<u> </u> 						
Material															
Operator															
Offset/Setup															
Process															
Supplier															
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Unapproved							<u> </u>					-			
							FA	ULT CA	TEGORY						
Landi	ng (1				General	_]			٦		٦		
		Bending			\vdash	Bend	\vdash	1	Program	<u> </u>	Outside Dim		Pressure/Forced		
	\vdash	Centre No	ot Concer	itric	\vdash	BOM/Route	\vdash	Grain		<u> </u>	Over/Under	<u> </u>	Set-up		
	\vdash	Cracks	.l./D:l.	/\A/=	\vdash	Broken/Damage/Defect		Hardwa		to acceptificati	Part Incorred	<u> </u>	Temperature/Cure		
	\vdash	Crimp/Kir	ік/кірріе	/wave	-	Burrs	<u> </u>	1 '	ion Incomplete/U	· -	Part Lost/Mi	· -	Weld		
	\vdash	Cuffs			\vdash	Countarials	_	4	tions Incomplete/	—	Part Moved	_	Wrong Stock Pulled		
	\vdash	Crushing Heat Trea	.+			Countersink Cut Too Short	-	Mislabe	gned/off center	-	Positioned V Power Loss/	_	Other		
	\vdash	Inspection		Tubo			\vdash	Misrea		L	Trower ross/	Juige	Jouren		
	$\overline{}$	Marks/Ch	•	rube		Drawing Drill Holes	\vdash	Off-set							
	\vdash	Turning S			\vdash	Finish	\vdash	4	Calibration						
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	1	Wave/ IW	ist iii i uk	, .		prigranction	1	Jour or .	Jequence						



QTY -041	-042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005.4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.75 lbs (TYP)
8) WELDING: PER DART QSI 004



C	REASON: PRODUCTION	62-041 & D3462-042, UPDATE DWG IN FACILITY	DC	07.10.24			
В	REVISE DIMENSIONS		RF	05.12.05			
Α	NEW ISSUE		RF	05.09.20			
REV.	DESCRIPTION	BY	DATE				
DESIG	v_	DART AEROSPA	ACEL	TD			
DRAW	N MADOC	HAWKESBURY, ONTARIO, CANADA					
CHECK	ED /	DRAWING NO.		REV. C			
MFG. A	PPR. A	D3462		SHEET 1 OF 2			
APPRO	VED ///	TITLE		SCALE			
DE API	PR##	BRACKET ASSEMBLY					
DATE	07.10.24	THIS DOCUMENT IS PRIVATE AND CONFEDENTIAL AND IS SUPPLED	COPYRIGHT © 2005 BY DART AEROSPACE LTO THIS DOCUMENT IS PREVATE AND COMPOSITION AND IS SUPPLIED ON THE SUPPLIES CONDITION THAT IT IS NOT TO BE USED FOR ANY PUPPOSE OR COMPOSITION FOR TO THAT HER PERSON WITHOUT				

110738 MLJ 14-01-08

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